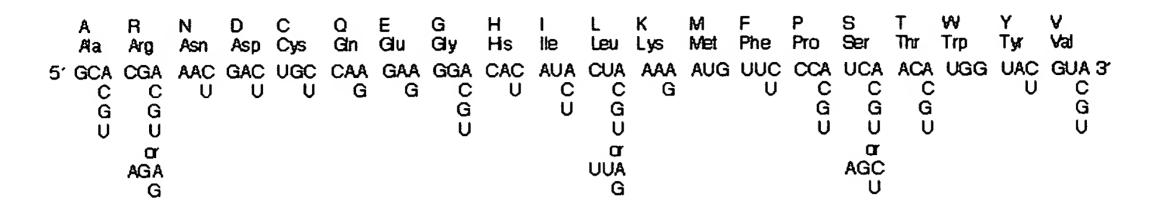
New England Biolabs Technical Literature - Updated 12/31/1969



The Genetic Code



Second Position										
		U		С		А		G		
First Position (5' end)	U	UUU Phe UUC UUA Leu UUG	TUCC	Ser	UAU UAC UAA UAG	Tyr Stop Stop	UGU UGC UGA UGG	-	J C A G	Third Position (3' end)
	С	CUU CUC Leu CUA CUG	CCC	Pro	CAU CAC CAA CAG	His GIn	CGU CGA	Arg	UCAG	
	Α	AUU AUC Ile AUA AUG Me	ACU ACA ACA	Thr	AAU AAC AAA AAG	Asn :	AGU AGC AGA AGG	Ser Arg	U C A G	
	G	GUU GUC GUA GUG	GCL GCA GCA	Ala	GAU GAC GAA GAG	Asp Glu	GGU GGC GGA	Gly :	U C A G	

Termination Signals

UAA (Ochre) UAG (Amber) UGA (Opal)

Single Letter Code

A = adenosine

 $\mathbf{B} = \mathbf{C} \text{ or } \mathbf{G} \text{ or } \mathbf{T}$

C = cytidine

D = A or G or T

G = guanosine

H = A or C or T

T = thymidine

K = G or T

M = A or C

N = A or C or G or T

R = A or G

S = C or G

V = A or C or G

W = A or T

Y = C or T

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Document 1 of 5

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